

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/50807

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F1/00 H04L29/06 H04L12/56 H04Q7/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F H04L H04Q H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| X | US 2003/051041 A1 (KALAVADE ASAWAREE ET AL) 13 March 2003 (2003-03-13) paragraphs [0056], [0095], [0174] - [0194], [0324] - [0331]; figure 24 | 1-11, 22-28 |
| X | US 2002/187808 A1 (MANNINEN PETRI ET AL) 12 December 2002 (2002-12-12) paragraphs [0038] - [0043]; figure 24 | 1,22 |
| A | US 2002/097876 A1 (HARRISON KEITH ALEXANDER) 25 July 2002 (2002-07-25) paragraph [0047] | 4 |
| A | GB 2 380 356 A (SENDO INTERNAT LTD) 2 April 2003 (2003-04-02) see abstract page 2, line 5 - page 4, line 27 | 1-32 |
| | -/-- | |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

21 September 2004

Date of mailing of the international search report

27.09.2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Veillas, E

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP 03/50807

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| A | WO 02/05583 A (UBINETICS LTD ; LLOYD ALEX (GB)) 17 January 2002 (2002-01-17) page 1, paragraph 3 - page 3, paragraph 3 ----- | 6-8 |
| A | WO 00/02406 A (NOKIA NETWORKS OY ; EKBERG JAN ERIK (FI)) 13 January 2000 (2000-01-13) cited in the application see whole document. ----- | 1-5 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/50807

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|--|--|
| US 2003051041 A1 | 13-03-2003 | CA 2456446 A1 EP 1421509 A1 WO 03017125 A1 | 27-02-2003 26-05-2004 27-02-2003 |
| US 2002187808 A1 | 12-12-2002 | FI 20011240 A WO 02101981 A1 | 13-12-2002 19-12-2002 |
| US 2002097876 A1 | 25-07-2002 | GB 2370383 A GB 2372178 A | 26-06-2002 14-08-2002 |
| GB 2380356 A | 02-04-2003 | NONE | |
| WO 0205583 A | 17-01-2002 | GB 2364619 A AU 7423501 A WO 0205583 A1 | 30-01-2002 21-01-2002 17-01-2002 |
| WO 0002406 A | 13-01-2000 | FI 981565 A AU 4912199 A DE 19983405 T0 WO 0002406 A2 GB 2355157 A ,B JP 2002520923 T | 08-01-2000 24-01-2000 31-05-2001 13-01-2000 11-04-2001 09-07-2002 |